Cisco NCS 560-4 Product Overview

The Cisco NCS 560-4 Router is a four-rack unit (4-RU), fully-redundant, centralized forwarding system that has:,

- two router processor (RSP) slots
- six interface module (IM) slots
- aggregate backplane capacity of 1.8 Tbps, with 25 Gbps-capable SerDes for all IM slots

  support for (2+1) power supplies capable of delivering approximately 1.5 KW power to the chassis

  support for extended temperature based on route processor configuration

For more information on the Cisco NCS 560-4 router, see the *Cisco NCS 560-4 Router Hardware Installation Guide*.

The Cisco NCS 560-4 router supports the following route processors:

- N560-RSP4—a medium-scale route processor
- N560-RSP4-E—a high-performace router processor with an aggregate switching capacity of 800 Gbps.

Note The above route processors cannot be used together in the same router.

See the *Cisco N560-RSP4 and Cisco N560-RSP4-E Route Processor Hardware Installation Guide* for more information.

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Command Modes

The command modes are applicable to the Cisco Series Routers. This table lists the command modes for the LXCs.

Command Mode	Description
XR EXEC mode (XR VM execution mode)	Run commands on the XR VM to display the operational state of the router. Example: `RP/0/RP0/CPU0:routerRP0/CPU0:ios#`
XR Config mode (XR VM configuration mode)	Perform security, routing, and other XR feature configurations on the XR VM. Example: `RP/0/RP0/CPU0:routerRP0/CPU0:ios#`**`configure`** `RP/0/RP0/CPU0:router(config)#`
System Admin EXEC mode (System Admin execution mode)	Run commands on the System Admin to display and monitor the operational state of the router hardware. The chassis or individual hardware modules can be reloaded from this mode. Example: `RP/0/RP0/CPU0:router#`**`admin`** `sysadmin-vm:0_RP0#`
System Admin Config mode (System Admin configuration mode)	Run configuration commands on the System Admin VM to manage and operate the hardware modules of the entire chassis. Example: `RP/0/RP0/CPU0:routerRP0/CPU0:ios#`**`admin`** `sysadmin-vm:0_RP0#`**`config`** `sysadmin-vm:0_RP0(config)#`